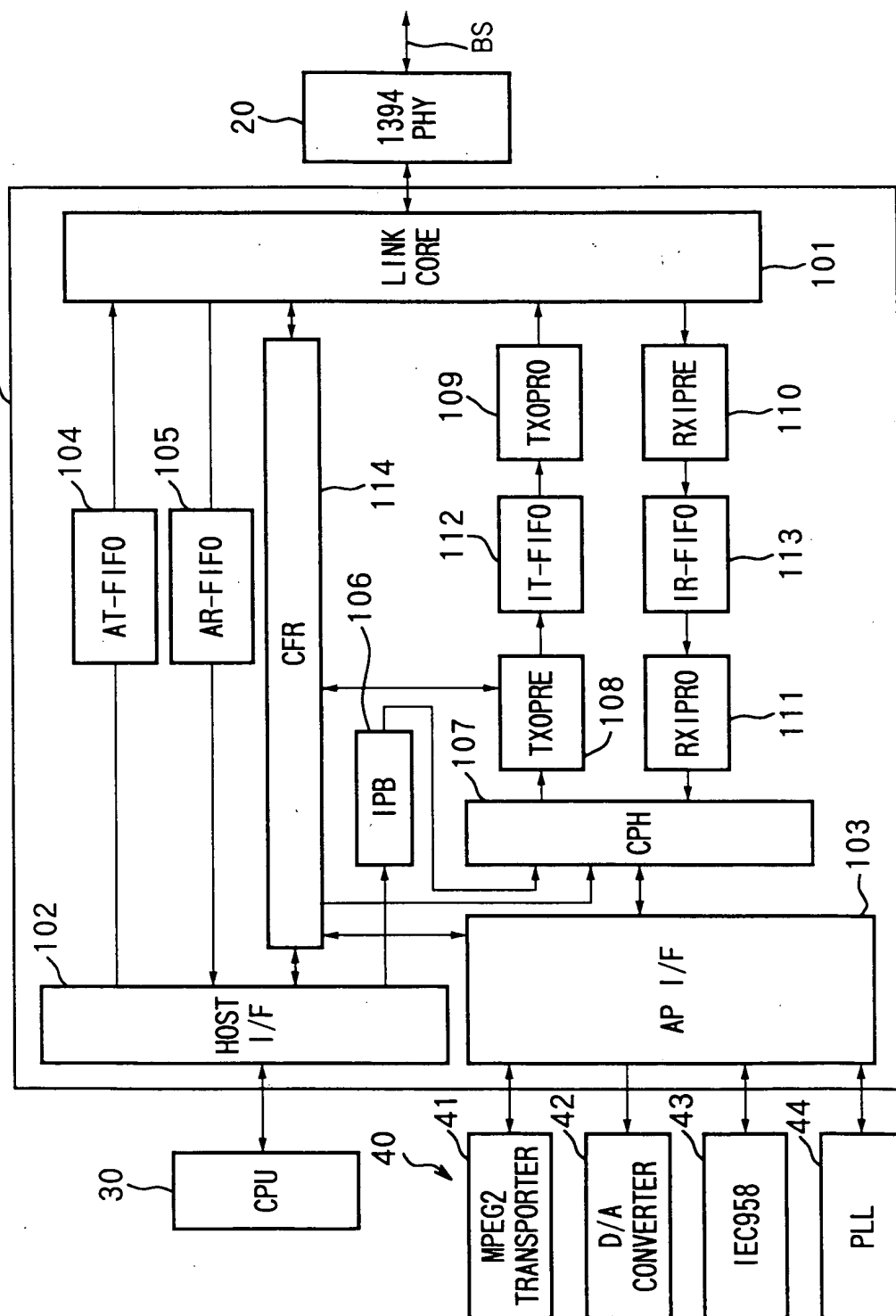


10



sy[3 : 2]	CIPHER MODE	CONTENTS
11	MODE A	Never Copy
10	MODE B	Copy Once
01	MODE C	No More Copy
00	NO ENCIPHER	Copy Free

FIG.2A

sy[1]	KIND OF CIPHER KEY
1	Even Key
0	Odd Key

FIG.2B

FIG. 3

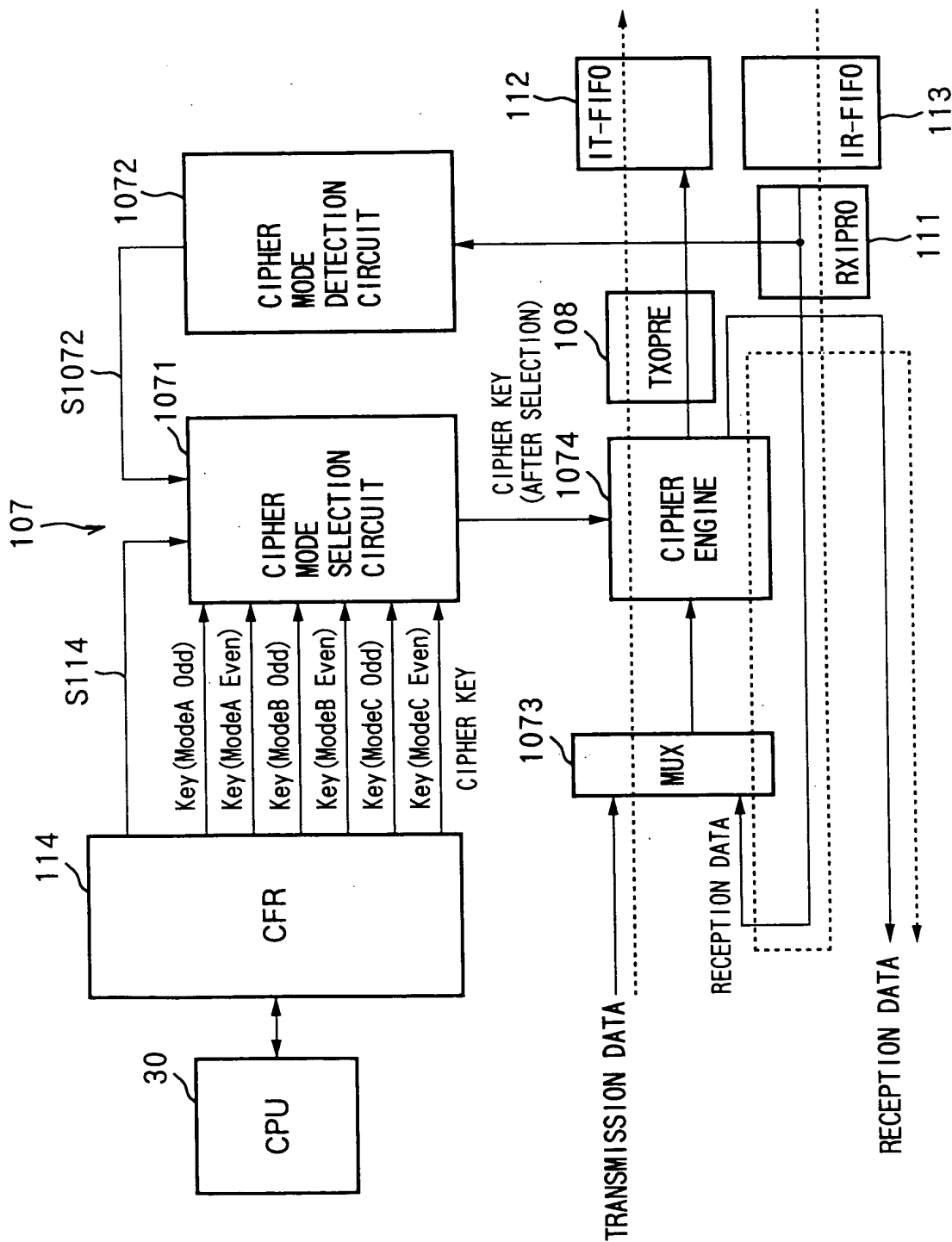


FIG. 4A

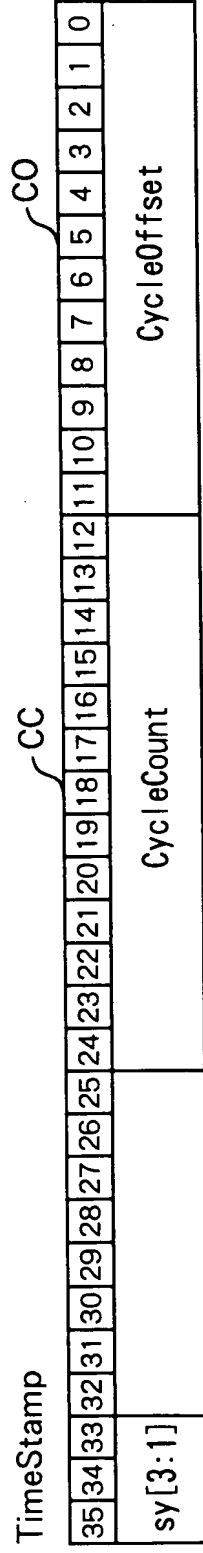


FIG. 4B

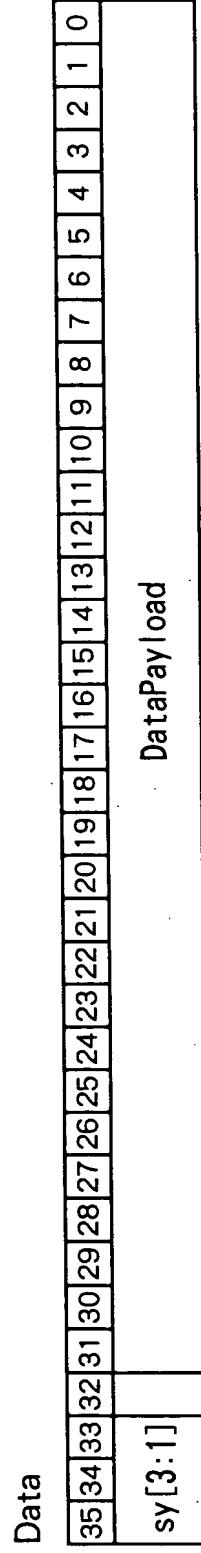


FIG.5

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
DataLength																tag		channel					tcode			sy					

ASSIGN bit3-bit1 OF sy[3:0] TO CIPHER MODE

TRANSMITTING 1 PACKET OF DATA WITHIN 1 CYCLE_

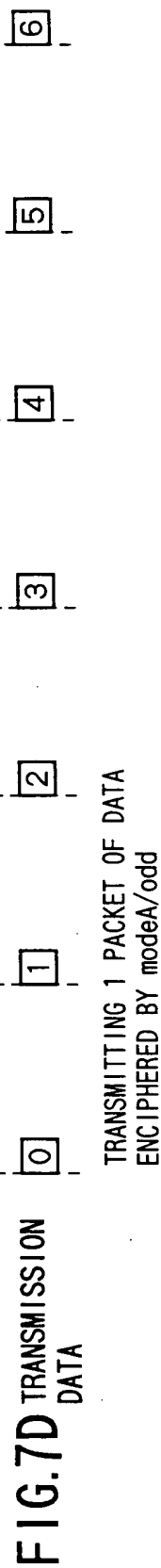
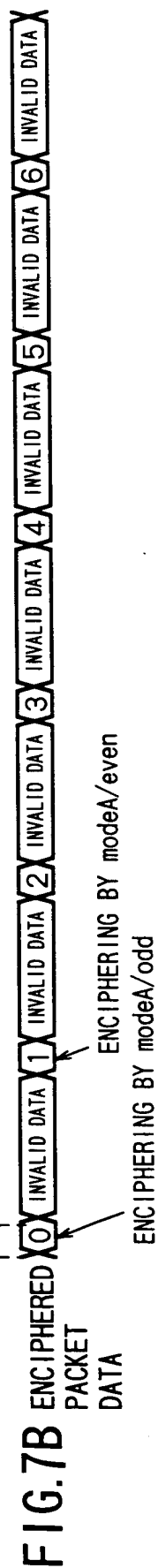
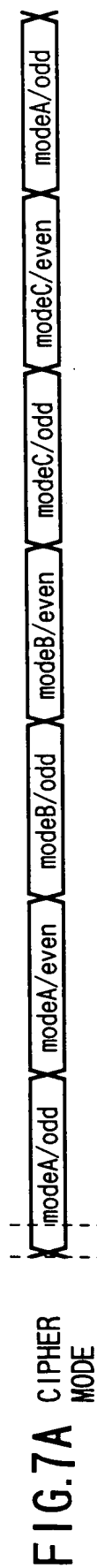


FIG.8A CIPHER
MODE



FIG.8B ENCRYPTED
DATA

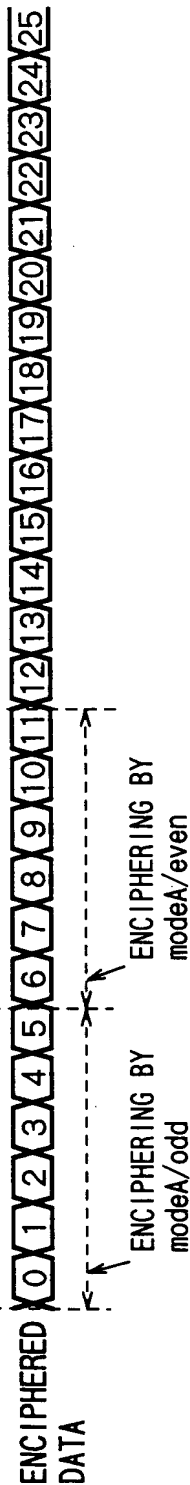


FIG.8C 1394
Cycle

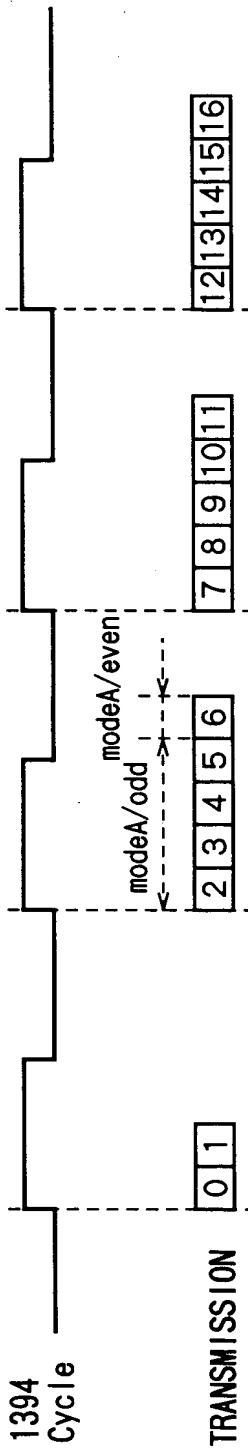
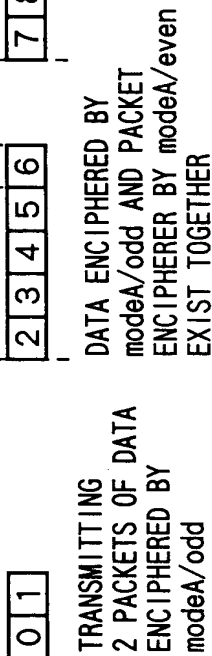
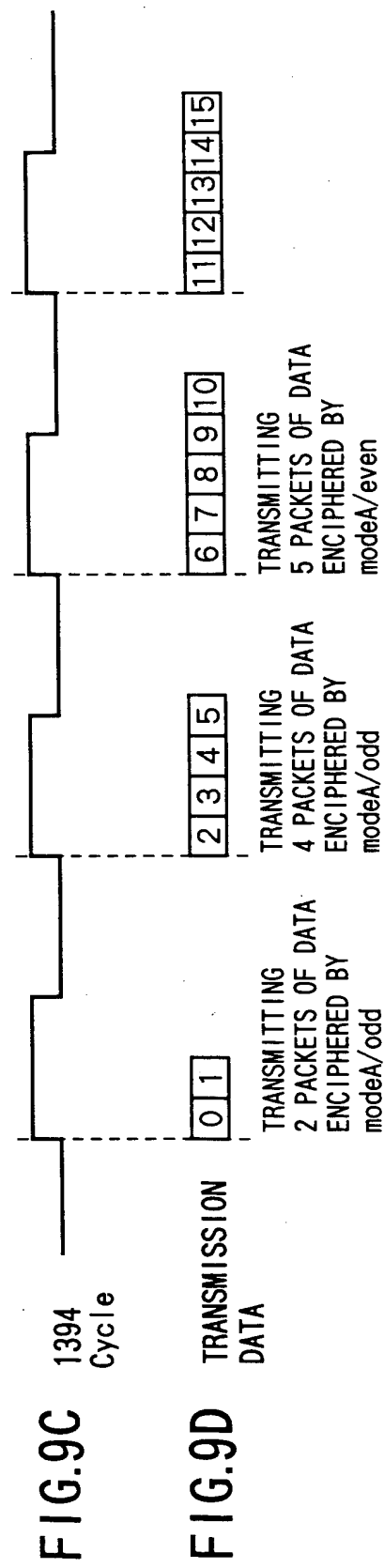
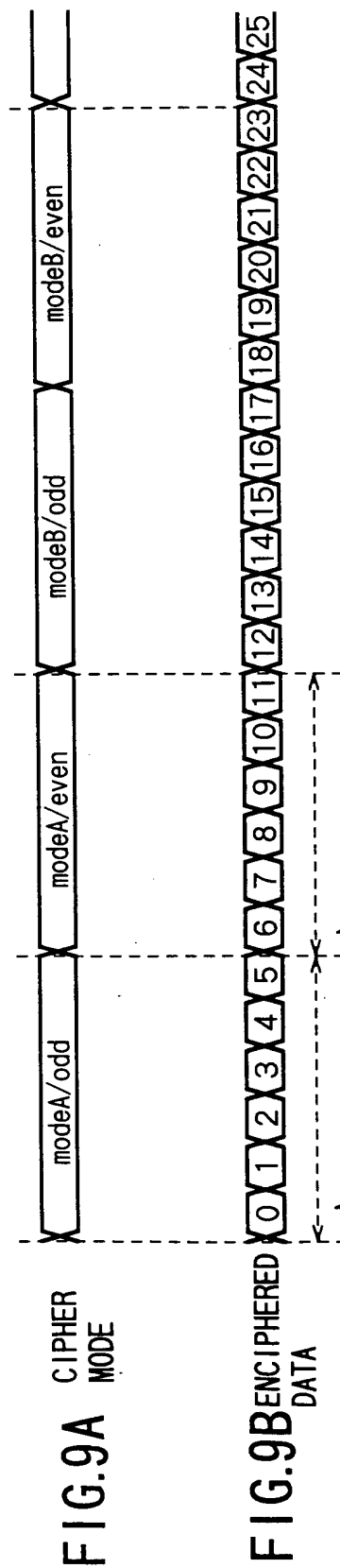


FIG.8D TRANSMISSION
DATA





TRANSMITTING 2 PACKETS OF DATA ENCIPHERED BY modeA/odd

TRANSMITTING 4 PACKETS OF DATA ENCIPHERED BY modeA/odd

TRANSMITTING 5 PACKETS OF DATA ENCIPHERED BY modeA/even

(5PACKETS CAN BE TRANSMITTED IN THIS CYCLE; HOWEVER, 4 PACKETS ARE TRANSMITTED TO PREVENT MIXTURE OF CIPHER MODES)

FIG.10A

DVB

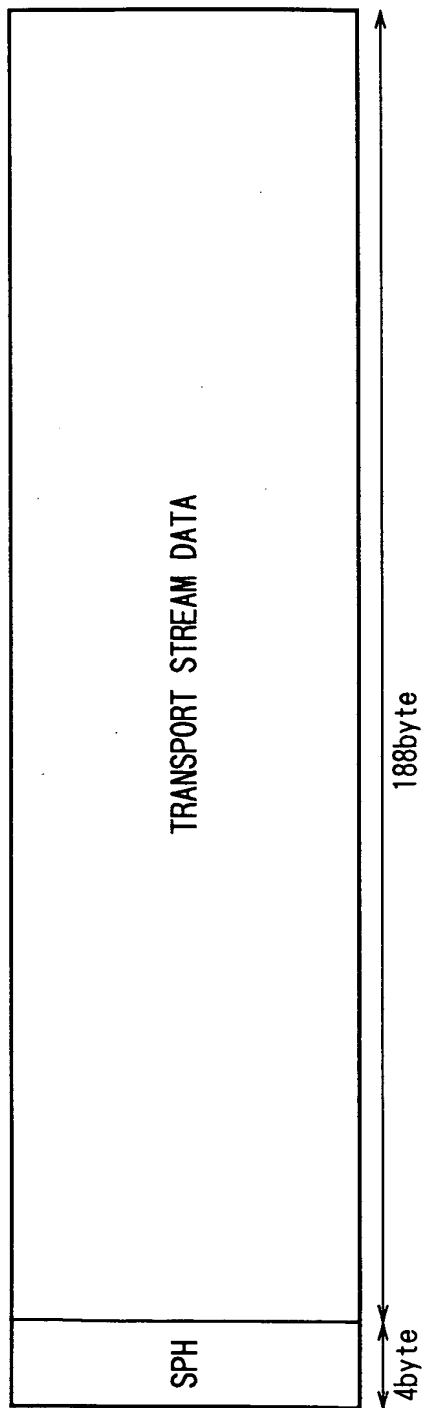


FIG.10B

DSS

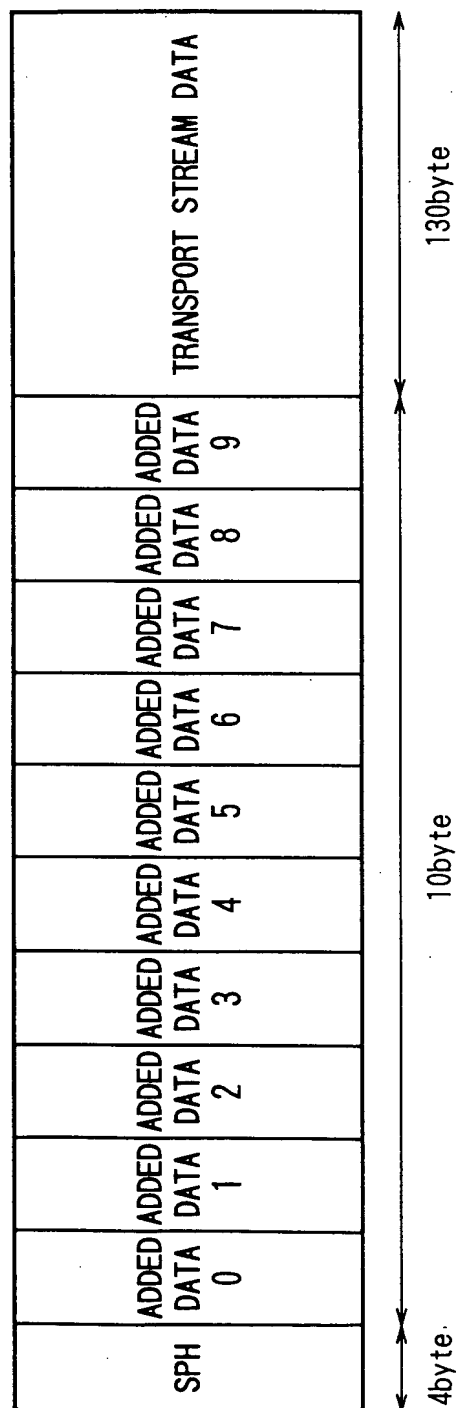


FIG. 11

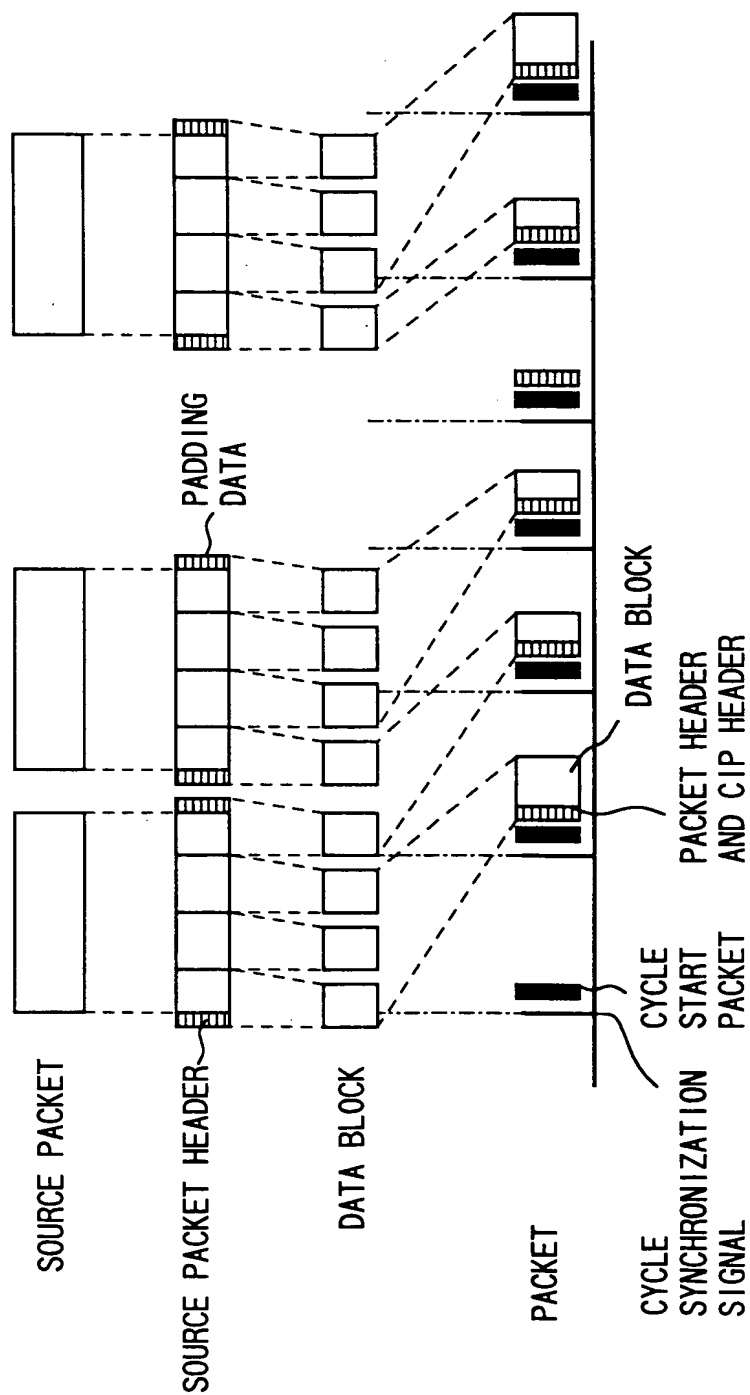
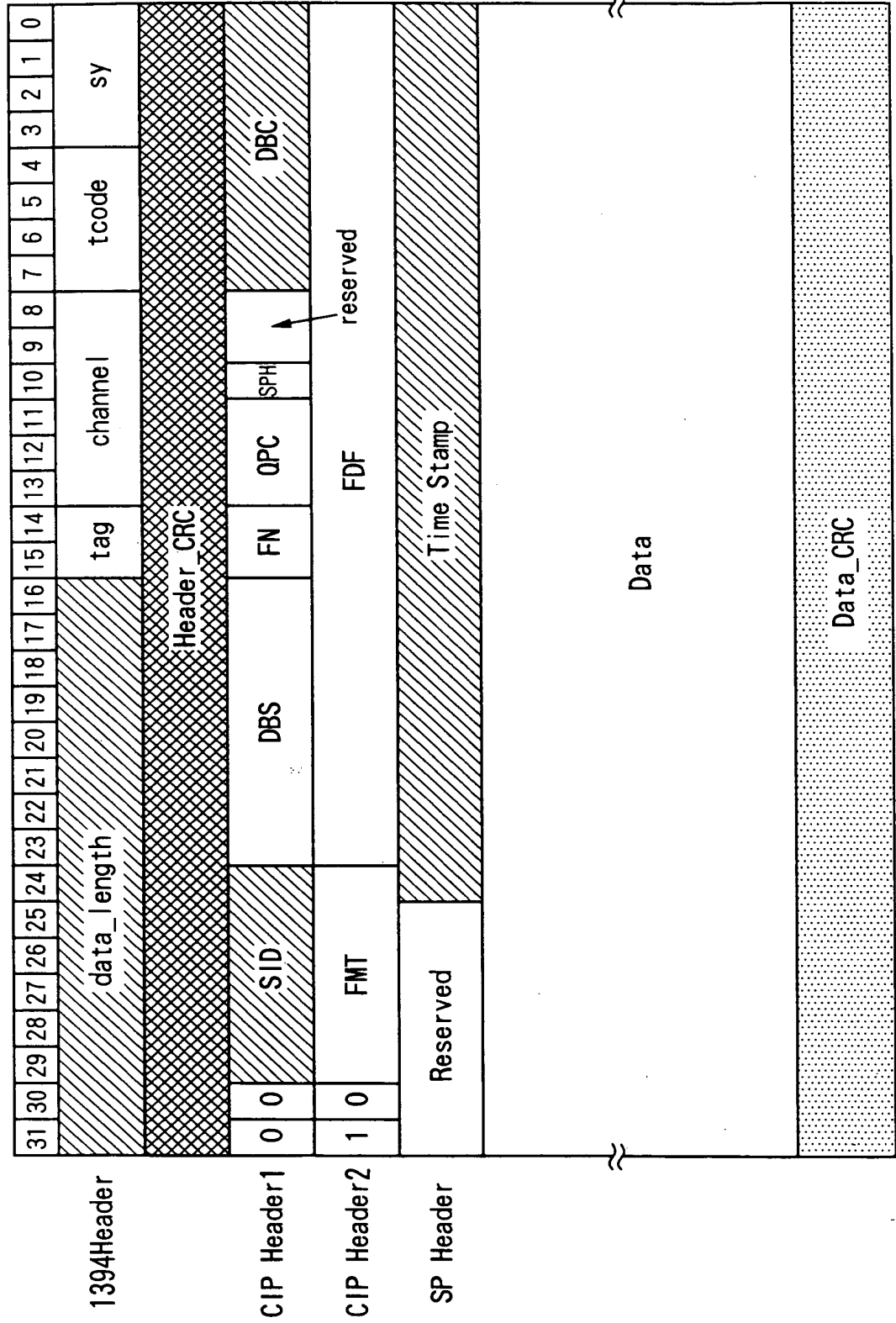


FIG.13



IEEE1394BUS

FIG.14

